



Finding Lowest Common Multiple Distinct Factors

1 Find the set of all the distinct prime factors of these numbers 4, 8	A	{4, 2, 2}	2 Find the set of all the distinct prime factors of these numbers 6, 14	A	{2, 2, 7}
	B	{2, 2, 2, 5}		B	{2, 5, 7}
	C	{2, 3, 2}		C	{2, 3, 7}
	D	{2, 2, 2}		D	{2, 3, 7, 2}
	E	{2, 2}		E	{6, 3, 7}
	F	{2, 2, 5, 2, 5}		F	{3, 7}
3 Find the set of all the distinct prime factors of these numbers 13, 7	A	{5, 7, 5, 7, 4}	4 Find the set of all the distinct prime factors of these numbers 4, 12	A	{6, 2, 3}
	B	{6, 7, 5, 6, 6}		B	{2, 2, 5, 3, 5}
	C	{13, 7}		C	{2, 2, 3, 2}
	D	{13, 2}		D	{2, 2, 3}
	E	{5, 7, 6, 2, 6}		E	{2, 3, 5, 6, 3}
	F	{13, 7, 3}		F	{2, 3}
5 Find the set of all the distinct prime factors of these numbers 15, 12	A	{3, 5, 2, 6}	6 Find the set of all the distinct prime factors of these numbers 15, 8	A	{3, 7, 2, 2, 2}
	B	{3, 5, 2}		B	{3, 5, 2, 2, 2, 7}
	C	{3, 5, 2, 5}		C	{3, 5, 2, 2, 2}
	D	{3, 5, 2, 2}		D	{3, 5, 2, 2}
	E	{3, 2, 2}		E	{3, 5, 2, 2, 2, 2}
	F	{3, 2, 2, 2}		F	{4, 5, 2, 2, 2}
7 Find the set of all the distinct prime factors of these numbers 9, 10	A	{3, 3, 2, 5, 5}	8 Find the set of all the distinct prime factors of these numbers 11, 8	A	{11, 2, 2, 5}
	B	{3, 3, 2, 5}		B	{11, 2, 2, 2}
	C	{3, 4, 2, 5}		C	{11, 2, 2, 2, 7}
	D	{5, 3, 2, 5}		D	{3, 2, 2, 2}
	E	{3, 3, 2}		E	{2, 2, 2}
	F	{3, 2, 5}		F	{11, 2, 2}